

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Material: Plaskolite Plastic Cleaner
Chemical Name
or Synonyms: Plaskolite Plastic Cleaner, 20/20 Plasti-Cleaner

2. PRODUCT COMPONENTS

<u>COMPONENTS</u>	<u>CAS REG. NO.</u>	<u>WEIGHT (%)</u>
1. 2-Propanol, Isopropyl Alcohol (IPA)	67-63-0	5.0
2. 2-Propanol-1-Butoxy	5131-66-8	2.0 (MAX)
3. 1-Propanol-2-Butoxy	15821-83-7	2.0 (MAX)
4. Water		91.0 (MIN)

3. PHYSICAL PROPERTIES

Appearance: Water, white, mild detergent
Odor: Rubbing alcohol
Viscosity: 1.79 centipoise @ 0°C
Melting Point: -2°C/28°F
Boiling Point: 100°C/212°F
Vapor Pressure: N/A
Vapor Density: N/A (Air = 1)
Specific Gravity: 0.986 (Water = 1)
pH: N/A
Solubility in Water: Complete
Volatility: 5% (Weight %)
Evaporation Rate: <1 (Butyl Acetate = 1)

4. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point: N/A
Auto Ignition Temperature: N/A
Upper Explosion Limit (%): N/A
Lower Explosion Limit (%): N/A
Extinguishing Media: Carbon dioxide, dry chemical, or water.
Fire Protection Equipment: Wear self-contained, positive pressure breathing apparatus (MSHA/NIOSH approved, or equivalent) and full protective gear.
Unusual Fire and Explosion Hazard: None

5. WORKPLACE EXPOSURE LIMITS

<u>COMPONENTS</u>	<u>OSHA</u>		<u>ACGIH</u>	
	<u>PEL</u>	<u>STEL</u>	<u>TLV</u>	<u>STEL</u>
1. IPA	400 ppm	None	400 ppm	500 ppm
2. 2-Propanol-1-Butoxy	None	None	None	None
3. 1-Propanol-2-Butoxy	None	None	None	None
4. Water	None	None	None	None

IPA: 400 ppm = 980 mg/m³

6. HAZARD INFORMATION

Hazard Scale: 0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

Health Designation: 1
Fire Designation: 1
Reactivity Designation: 0

Inhalation: Inhalation of vapors can cause nausea, headache, dizziness as well as irritation of lungs, nose, and throat.
Eye Contact: Liquid or vapors can irritate the eyes.
Ingestion: Possible irritation of gastrointestinal tract.
Skin Contact: Possible skin irritation or dermatitis.
Carcinogenicity: N/A

7. EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move subject to fresh air. Provide oxygen if needed.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion: Induce vomiting and call a physician.
Skin Contact: Wash affected areas with soap and water. Consult a physician if irritation persists.

8. REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Hot surfaces.
Hazardous Decomposition

Products: Thermal decomposition or combustion may emit vapors, carbon monoxide, or carbon dioxide.
Incompatible Compounds: Strong oxidizing agents.

9. SPILL OR LEAK INFORMATION

Stop spill or leak if it can be done safely. Contain spill to the smallest area possible. Remove smaller spills with inert absorbent material. Larger spills should be recovered for reuse or disposal. Prevent material from entering sewers, drains or waterways. Heed all fire and health hazards. Avoid breathing vapors and ventilate the area.

10. WASTE DISPOSAL

Landfill or incinerate at a facility that complies with local, state and federal regulations.

11. EXPOSURE CONTROLS/PERSONAL PROTECTION MEASURES

Respiratory Protection: None required under normal conditions. See Section 12.
Hand Protection: None under normal use.
Eye Protection: None under normal use.
Other Protection: N/A
Ventilation: Use adequate ventilation to meet applicable workplace exposure limits.

12. STORAGE AND HANDLING INFORMATION

Maximum Storage Temperature: 100°C/212°F (boiling temperature)
Storage Measures: Store in cool, dry, well ventilated area. Keep containers closed. Avoid heat.
Handling Measures: Handle in cool, dry, well ventilated area. Keep containers closed, if possible. Avoid heat.

13. REGULATORY INFORMATION

Environment

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): Under section 102(a) of the Act, this product is NOT designated as hazardous. In addition, no reportable quantities and no notification requirements to the National Response Center in Washington, DC are set forth for its release from a vessel, an offshore or an onshore facility (40 CFR Part 302).

Resource Conservation and Recovery Act (RCRA):	When this product becomes a waste, it is identified as a non-hazardous waste under RCRA criteria (40 CFR Part 261).
Toxic Substances Control Act (TSCA):	The components of this product are on the TSCA inventory list. Any impurities present in this product are exempt from listing.
Superfund Amendment and Reauthorization Act of 1986 (SARA) Title III:	N/A

Transportation

DOT Hazard Class:	Not regulated.
DOT Shipping Name:	N/A

Labor Awareness

This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). See Section 12 for Storage and Handling Information.

14. GLOSSARY

ACGIH	American Conference of Governmental Industrial Hygienists
CFR	Code of Federal Regulations
DOT	United States Department of Transportation
IPA	2-Propanol, Isopropyl Alcohol
mg/m ³	milligrams per cubic meter (concentration)
MSHA	Mine Safety and Health Administration
N/A	Not Applicable or Not Available
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration (Department of Labor)
PEL	Permissible Exposure Limit (time-weighted average)
ppm	parts per million (concentration)

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EMERGENCY HOTLINE:
(614) 294-3281

STEL Short-Term Exposure Limit (15-minute)

TLV Threshold Limit Value (time-weighted average)

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.

Please direct comments and questions to Plaskolite Environmental, Health and Safety

Filename: MSDS - Plastic Cleaner.doc